



**SUMMARY TEST DATA
ON
PE2-28-15G18G-4R0-13-12-SFF**

PL21960/1752

Customer: _____	Tested By: <u>Simon K. / E.Benson</u>
SO No: _____	Temperature: <u>+25°C, -55°C, +85°C</u>
Model No: <u>PE2-28-15G18G-4R0-13-12-SFF</u>	Date: <u>12/29/17</u>
Serial No: <u>PL21960/1752</u>	Drawing No: <u>27607744</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	15 GHz – 18 GHz	15 GHz – 18 GHz	PMI QA 1	
2	Gain Nominal:	26dB Typ. @ 10 – 18 GHz	27.7 dB (See Plot)		
3	Gain Flatness:	±0.5dB Max. @ +25°C ±0.75dB Max. @ -55°C to +85°C	±0.37 dB ±0.39 dB ±0.39 dB		
4	Noise Figure:	4.0dB Max.	3.32 dB		
5	Pout @ 1dB Compression:	+13dBm Min.	+13.2 dBm		
6	VSWR: (Input/Output)	1.5:1 Typ 1.8:1 Max.	1.75:1 1.30:1 (See Plot)		
7	Max Input Power:	+20dBm CW	Pass		
8	Isolation:	-65dB Typ @ 10 to 13 GHz -60dB Typ. @ 15 to 18GHz	Pass		
9	DC Supply:	+12 to +15V @ 200mA Max.	129 mA		PMI QA 1

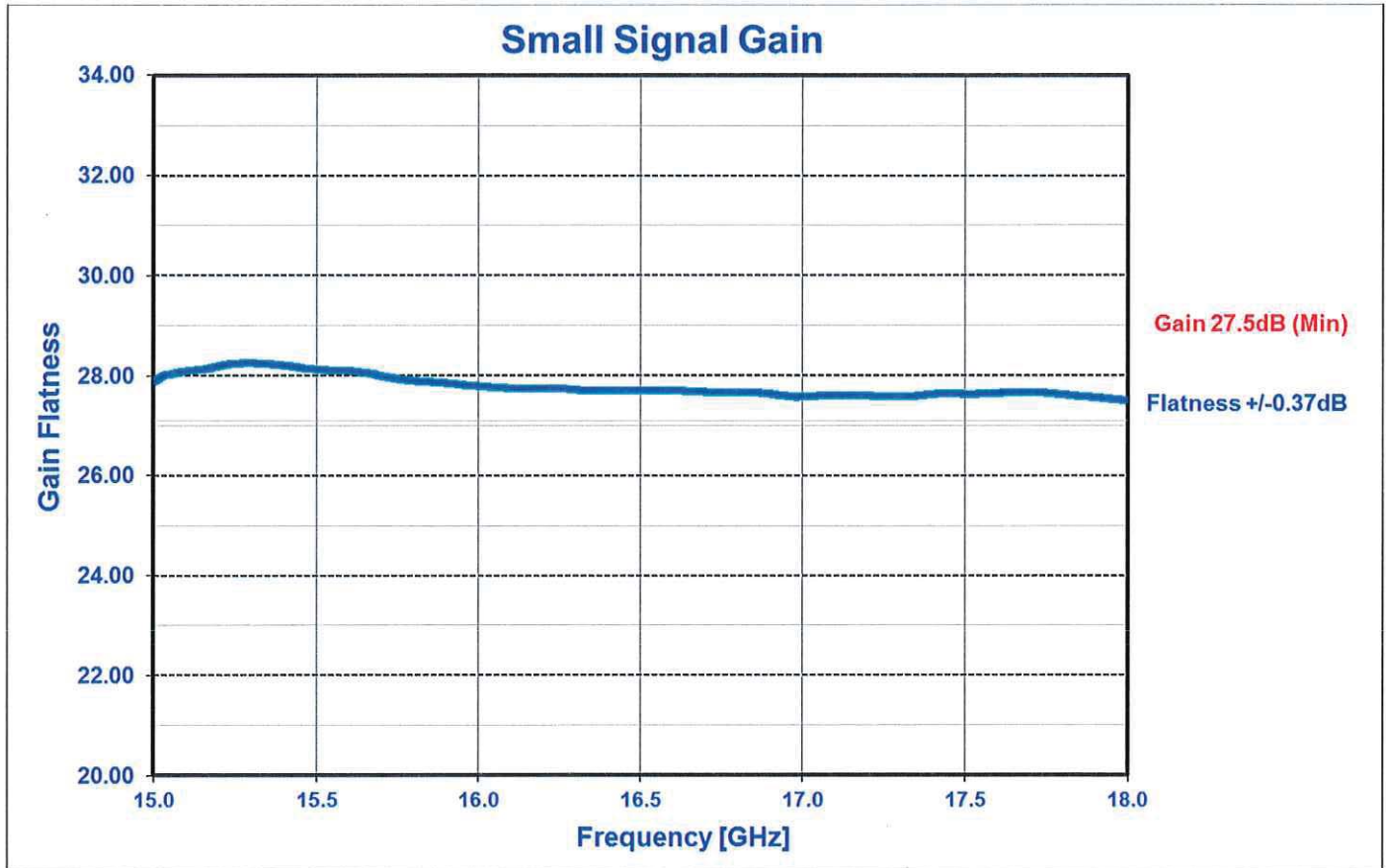
QA/QC Approval:  PMI QA 1 Date: 1/9/18



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Gain and Flatness @ +25°C

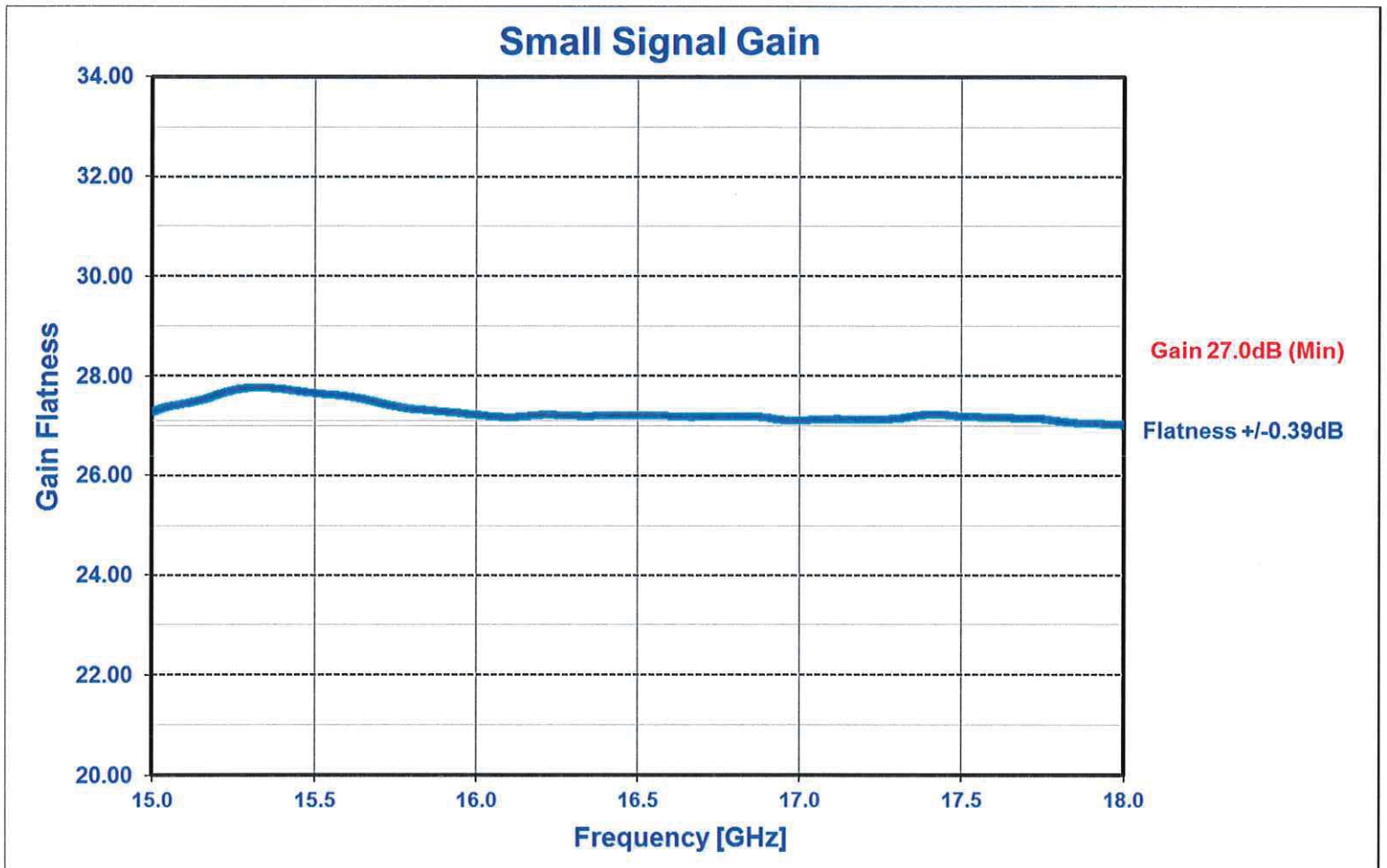




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Gain and Flatness @ -55°C



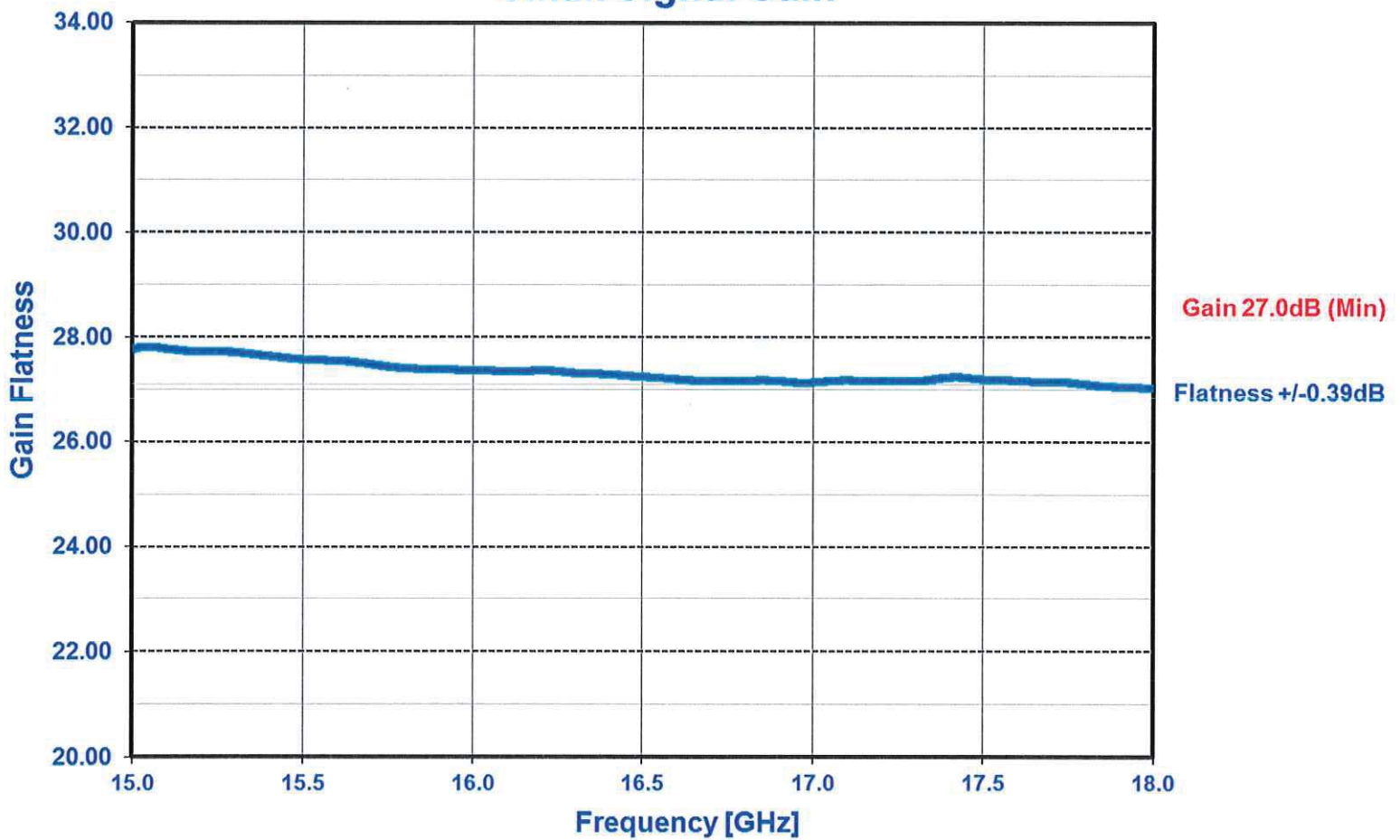


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Gain and Flatness @ +85°C

Small Signal Gain



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VSWR

